

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
 Data File : VU062489.D
 Acq On : 19 Dec 2024 21:16
 Operator : MD/SY
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD005198

Quant Time: Dec 20 00:43:33 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Dec 20 00:36:00 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	82685	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	78379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	40387	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	22911	4.108	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.200%
7) Chloroethane-d5	1.908	69	18174	4.581	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.600%
11) 1,1-Dichloroethene-d2	2.557	65	11518	4.341	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.800%
20) 2-Butanone-d5	4.621	46	46125	43.154	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.300%
24) Chloroform-d	5.052	84	58441	4.842	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.692	65	31267	5.268	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
32) Benzene-d6	5.718	84	97748	4.330	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
36) 1,2-Dichloropropane-d6	6.682	67	27027	4.184	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.600%
41) Toluene-d8	7.888	98	96494	4.525	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.171	79	13399	4.713	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.200%
46) 2-Hexanone-d5	8.624	63	35379	41.248	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.500%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	23189	4.614	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.200%
66) 1,2-Dichlorobenzene-d4	12.184	152	35335	4.748	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.380	85	34356	4.436	ug/L	99
3) Chloromethane	1.515	50	23786	3.918	ug/L	100
5) Vinyl chloride	1.599	62	26896	4.255	ug/L	99
6) Bromomethane	1.853	94	20068	4.763	ug/L	100
8) Chloroethane	1.927	64	15299	4.321	ug/L	97
9) Trichlorofluoromethane	2.133	101	55599	5.068	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	26931	4.510	ug/L #	88
12) 1,1-Dichloroethene	2.573	96	24344	4.361	ug/L	87
13) Acetone	2.641	43	35237	48.419	ug/L	100
14) Carbon disulfide	2.785	76	69173	3.918	ug/L	99
15) Methyl Acetate	2.953	43	7586	4.159	ug/L #	89
16) Methylene chloride	3.036	84	26929	4.595	ug/L	88
17) Methyl tert-butyl Ether	3.354	73	68329	4.913	ug/L	96
18) trans-1,2-Dichloroethene	3.345	96	26219	4.571	ug/L	89
19) 1,1-Dichloroethane	3.856	63	48367	4.600	ug/L	96
21) 2-Butanone	4.702	43	49345	46.689	ug/L	91
22) cis-1,2-Dichloroethene	4.657	96	29972	4.662	ug/L	95
23) Bromochloromethane	4.965	128	14543	5.160	ug/L #	74
25) Chloroform	5.078	83	58931	4.976	ug/L	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.782	62	39049	5.189	ug/L	96
29) 1,1,1-Trichloroethane	5.303	97	55811	5.062	ug/L	95
30) Cyclohexane	5.377	56	34619	3.872	ug/L	87
31) Carbon tetrachloride	5.512	117	50006	4.946	ug/L	99
33) Benzene	5.763	78	107178	4.413	ug/L	100
34) Trichloroethene	6.531	95	31159	4.529	ug/L	92
35) Methylcyclohexane	6.753	83	41210	4.040	ug/L	95
37) 1,2-Dichloropropane	6.782	63	26035	4.402	ug/L	100
38) Bromodichloromethane	7.097	83	41627	4.988	ug/L	97
39) cis-1,3-Dichloropropene	7.599	75	42441	4.476	ug/L	100
40) 4-Methyl-2-pentanone	7.782	43	129486	46.708	ug/L #	91
42) Toluene	7.959	91	121071	4.623	ug/L	99
44) trans-1,3-Dichloropropene	8.200	75	37708	4.870	ug/L	100
45) 1,1,2-Trichloroethane	8.390	97	21804	4.883	ug/L	98
47) Tetrachloroethene	8.544	164	25315	4.765	ug/L	93
48) 2-Hexanone	8.676	43	94664	46.206	ug/L #	92
49) Dibromochloromethane	8.798	129	28482	5.279	ug/L	94
50) 1,2-Dibromoethane	8.917	107	21483	5.007	ug/L	97
51) Chlorobenzene	9.438	112	78445	4.674	ug/L	98
52) Ethylbenzene	9.560	91	135024	4.598	ug/L	99
53) m,p-Xylene	9.685	106	50950	4.699	ug/L	99
54) o-Xylene	10.090	106	50386	4.778	ug/L	100
55) Styrene	10.107	104	84123	4.840	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.772	83	24745	4.761	ug/L	97
59) Bromoform	10.283	173	17087	5.384	ug/L	98
60) Isopropylbenzene	10.476	105	138689	4.754	ug/L	99
61) 1,2,3-Trichloropropane	10.814	75	18598	4.980	ug/L	93
62) 1,3,5-Trimethylbenzene	11.078	105	117058	4.741	ug/L	99
63) 1,2,4-Trimethylbenzene	11.457	105	115618	4.780	ug/L	98
64) 1,3-Dichlorobenzene	11.737	146	65148	4.861	ug/L	99
65) 1,4-Dichlorobenzene	11.827	146	64429	4.774	ug/L	99
67) 1,2-Dichlorobenzene	12.203	146	61430	4.960	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.987	75	4602	5.649	ug/L	93
69) 1,3,5-Trichlorobenzene	13.209	180	49361	4.955	ug/L	99
70) 1,2,4-trichlorobenzene	13.833	180	39461	5.017	ug/L	97
71) Naphthalene	14.081	128	59910	5.072	ug/L	100
72) 1,2,3-Trichlorobenzene	14.322	180	34147	4.923	ug/L	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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